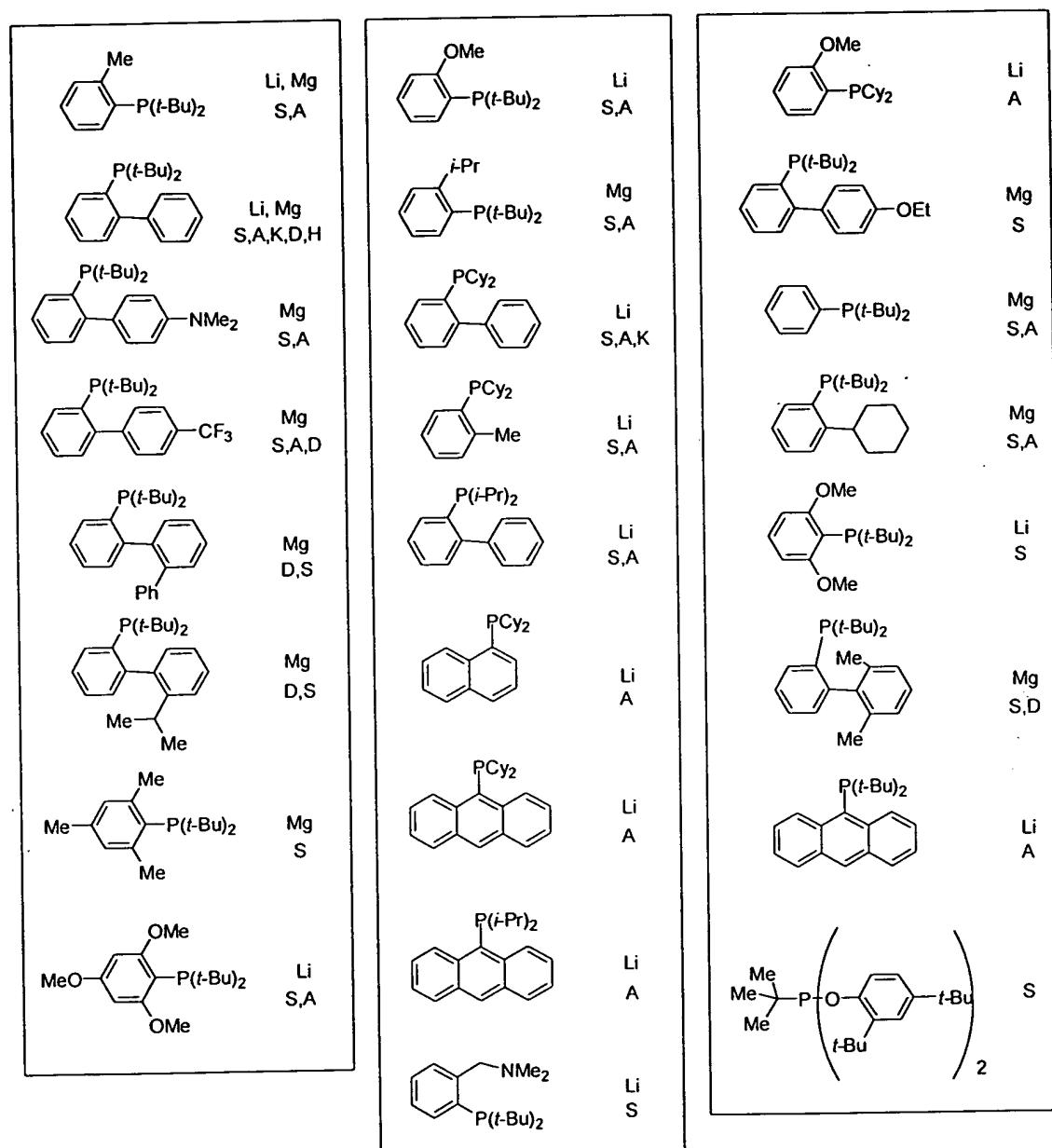


**Figure 1. Method of Preparation and Reactions Screened for Various Ligands.**



**Legend**

*Method of Preparation:*

Li= made from organolithium reagent  
Mg= made from Grignard reagent

*Reactions Screened:*

S=Used for Suzuki Coupling  
A=Used for amination  
D=Used for diaryl ether synthesis  
K=Used for ketone arylation  
H=Used for Heck reaction